US PTO Cust. No. 25280 Case No. 5002A

ABSTRACT

Range-dyed fabrics that possess excellent hand characteristics and simultaneously exhibit substantially nondirectional appearances are provided. Such a combination permits the production and utilization of an extremely comfortable apparel fabric that can be attached to any other similar type of fabric to form a target apparel article without the time-consuming need to align such component fabrics to ensure an overall aesthetic appearance is met for the target apparel article. In general, such a fabric is produced through the initial immobilization of individual fibers within target fabrics and subsequent treatment through abrasion, sanding, or sueding of at least a portion of the target fabric. Such a procedure produces a fabric of short pile height and desirable hand. Upon range-dyeing the target fabric exhibits the extra benefit of nondirectional surface characteristics. The ability to produce such specific fabrics without the need for jet-dyeing thus provides a significant cost advantage to the manufacturer and consumer.